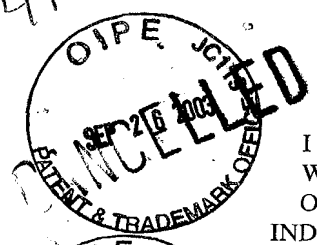
41

-09-26-03

1652



CANCELLED

"EXPRESS MAIL CERTIFICATE"
"EXPRESS MAIL" MAILING LABEL NUMBER EM372544274US
DATE OF DEPOSIT September 22, 2003
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.
NAME OF PERSON MAILING PAPER OR FEE

(TYPE OR PRINT) Diane W. Halata

SIGNATURE Diane W. Halata

Attorney Docket No. P30693C4X1C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MacPhee, *et al.* 22 September 2003

Serial No.: 09/922,067 Group Art Unit No.: 1652

Filed: 03 August 2001 Examiner: Manjunath N. Rao.

For: Lipoprotein Associated Phospholipase A2 Inhibitors Thereof and Use of the Same in Diagnosis and Therapy

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825

Commissioner for Patents
Mail Stop: Sequence
P.O. Box 1450
Alexandria, Va 22313-1450

(X) I hereby state that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with **37 CFR §1.821(c)** and **(e)**, respectively, are the same.

(X) I hereby state that the submission filed in accordance with **37 CFR §1.821 (g)** does not include new matter.

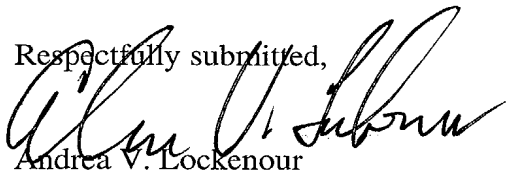
( ) I hereby state that the submission filed in accordance with **37 CFR §1.821 (h)** does not include new matter or go beyond the disclosure in the international application as filed.

( ) I hereby state that the amendments, made in accordance with **37 CFR §1.825 (a)**, included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages _____. I hereby state that the substitute sheet(s) of the Sequence Listing does (do) not include new matter.

( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with **37 CFR §1.825(b)**, is the same as the amended Sequence Listing.

( ) I hereby state that the substitute copy of the computer readable form, submitted in accordance with **37 CFR §1.825(d)**, is identical to that originally filed.

Respectfully submitted,



Andrea V. Lockenour
Attorney for Applicants
Registration No. 51,962

GLAXOSMITHKLINE
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, PA 19406-0939
Phone (610) 270-5968
Facsimile (610) 270-5090

SEQUENCE LISTING

<110> MacPhee, Colin Houston
Tew, David Graham
Southan, Christopher Donald
Hickey, Deirdre Mary Bernadette
Gloger, Israel Simon
Lawrence, Geoffrey Mark Prouse
Rice, Simon Quentyn John

<120> Lipoprotein Associated Phospholipase A2, Inhibitors Thereof and Use of the Same in Diagnosis and Therapy

<130> P30693C4X1C1

<140> 09/922,067
<141> 2001-08-03

<150> 09/193,130
<151> 2000-11-28

<150> 08/387,858
<151> 1994-06-24

<150> PCT/GB94/01374
<151> 1994-06-24

<150> GB 9313144.9
<151> 1993-06-25

<160> 11

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 37
<212> PRT
<213> Homo sapien

<400> 1

```
Met Leu Lys Leu Lys Gly Asp Ile Asp Ser Asn Ala Ala Ile Asp Leu
 1               5                  10                  15
Ser Asn Lys Ala Ser Leu Ala Phe Leu Gln Lys His Leu Gly Leu His
            20                  25                  30
Lys Asp Phe Asp Gln
        35
```

<210> 2
<211> 30
<212> PRT
<213> Homo sapien

<400> 2

```
Trp Met Phe Pro Leu Gly Asp Glu Val Tyr Ser Arg Ile Pro Gln Pro
 1               5                  10                  15
Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala Asn
```

20 25 30

<210> 3
<211> 27
<212> PRT
<213> Homo sapien

<400> 3
Gln Tyr Ile Asn Pro Ala Val Met Ile Thr Ile Arg Gly Ser Val His
1 5 10 15
Gln Asn Phe Ala Asp Phe Thr Phe Ala Thr Gly
20 25

<210> 4
<211> 19
<212> PRT
<213> Homo sapien

<400> 4
Trp Leu Met Gly Asn Ile Leu Arg Leu Leu Phe Gly Ser Met Thr Thr
1 5 10 15
Pro Ala Asn

<210> 5
<211> 420
<212> DNA
<213> Unknown

<220>
<221> misc_feature
<222> 265, 390, 395, 403, 406
<223> n = A,T,C or G

<400> 5
aaaaaaccta ttttaatcct aattgtattt ctctattcct gaagagttct gtaacatgat 60
gtgttgattg gttgtgttaa tgttggtccc tggaataaga ttctcatcat ctccttcaat 120
caagcagtcc cactgatcaa aatctttatg aagtcctaaa tgcttttgta agaatgctaa 180
tgaagctttg ttgctaagat caatagctgc atttgaatct atgtctccct ttaatttgag 240
catgtgtcca attattttgc cagtngcaaa agtgaagtca gcaaaattct ggtggactga 300
acccctgatt gtaatcatct ttctttcttt atcaggtgag tagcattttt tcatttttat 360
gatattagca ggatattgga aatattcagn gttgntaaaa agnggnggct gagggattct 420

<210> 6
<211> 379
<212> DNA
<213> Unknown

<220>
<221> misc_feature
<222> 84
<223> n = A,T,C or G

<400> 6
tgctaatatc ataaaaatga aaaaatgcta ctcacctgat aaagaaagaa agatgattac 60

aatcaggggt tcagtccacc agantttttgc tgacttcact tttgcaactg gcaaaataat 120
tggacacatg ctcaaattaa agggagacat agattcaaat gtagctattg atcttagcaa 180
caaagcttca ttagcattct tacaaaagca tttaggactt cataaagatt ttgttcagtg 240
ggactgcttg attgaaggag atgatgagaa tcttattcca gggaccaaca ttaacacaac 300
caattcaaca catcatgttt acagaacttc ttccagggaa taggaggaaa tacaattggg 360
gtttaaaata ggtttttttt 379

<210> 7
<211> 279
<212> DNA
<213> Unknown

<220>
<221> misc_feature
<222> 257
<223> n = A,T,C or G

<400> 7
gaagaatgca ttagatttaa agtttgatat ggaacaactg aaggactcta ttgataggga 60
aaaaatagca gtaattggac attcttttgg tggagcaacg gttattcaga ctcttagtga 120
agatcagaga ttcagatgtg gtattgccct ggatgcatgg atgtttccac tgggtgatga 180
agtatattcc agaattcctc agcccctctt ttttatcaac tctgaatatt tccaatatcc 240
tgctaatatc ataaaantgg aaaaatgcta ctcacctgg 279

<210> 8
<211> 572
<212> DNA
<213> Homo sapien

<400> 8
aaaatagcag taattggaca ttctttaggt ggagcaacgg ttattcagac tcttagtgaa 60
gatcagagat tcagatgtgg tattgccctg gatgcatgga tgtttccact gggtgatgaa 120
gtatattcca gaattcctca gcccctcttt tttatcaact ctgaatattt ccaatatcct 180
gctaatatca taaaaatgaa aaaatgctac tcacctgata aagaaagaaa gatgattaca 240
atcaggggtt cagtccacca gaattttgct gacttcactt ttgcaactgg caaaataatt 300
ggacacatgc tcaaattaaa gggagacata gattcaaatg tagctattga tcttagcaac 360
aaagcttcat cagcattctt acaaaagcat ttaggacttc ataaagattt tgatcagtgg 420
gactgcttga ttgaaggaga tgatgagaat cttattccag ggaccaacat taacacaacc 480
aatcaacaca tcatgttaca gaactcttca ggaatagaga aatacaatta ggattaaaat 540
aggtttttta aaaaaaaaaa aaaaaaaact cg 572

<210> 9
<211> 1361
<212> DNA
<213> Homo sapien

<220>
<221> CDS
<222> (38)...(1360)

<400> 9
tgagagacta agctgaaact gctgctcagc tcccaag atg gtg cca ccc aaa ttg 55
Met Val Pro Pro Lys Leu
1 5

cat gtg ctt ttc tgc ctc tgc ggc tgc ctg gct gtg gtt tat cct ttt 103
His Val Leu Phe Cys Leu Cys Gly Cys Leu Ala Val Val Tyr Pro Phe
10 15 20

```
gac tgg caa tac ata aat cct gtt gcc cat atg aaa tca tca gca tgg   151
Asp Trp Gln Tyr Ile Asn Pro Val Ala His Met Lys Ser Ser Ala Trp
         25                  30                  35

gtc aac aaa ata caa gta ctg atg gct gct gca agc ttt ggc caa act   199
Val Asn Lys Ile Gln Val Leu Met Ala Ala Ala Ser Phe Gly Gln Thr
     40                  45                  50

aaa atc ccc cgg gga aat ggg cct tat tcc gtt ggt tgt aca gac tta   247
Lys Ile Pro Arg Gly Asn Gly Pro Tyr Ser Val Gly Cys Thr Asp Leu
 55                  60                  65                  70

atg ttt gat cac act aat aag ggc acc ttc ttg cgt tta tat tat cca   295
Met Phe Asp His Thr Asn Lys Gly Thr Phe Leu Arg Leu Tyr Tyr Pro
                 75                  80                  85

tcc caa gat aat gat cgc ctt gac acc ctt tgg atc cca aat aaa gaa   343
Ser Gln Asp Asn Asp Arg Leu Asp Thr Leu Trp Ile Pro Asn Lys Glu
             90                  95                 100

tat ttt tgg ggt ctt agc aaa ttt ctt gga aca cac tgg ctt atg ggc   391
Tyr Phe Trp Gly Leu Ser Lys Phe Leu Gly Thr His Trp Leu Met Gly
        105                 110                 115

aac att ttg agg tta ctc ttt ggt tca atg aca act cct gca aac tgg   439
Asn Ile Leu Arg Leu Leu Phe Gly Ser Met Thr Thr Pro Ala Asn Trp
    120                 125                 130

aat tcc cct ctg agg cct ggt gaa aaa tat cca ctt gtt gtt ttt tct   487
Asn Ser Pro Leu Arg Pro Gly Glu Lys Tyr Pro Leu Val Val Phe Ser
135                 140                 145                 150

cat ggt ctt ggg gca ttc agg aca ctt tat tct gct att ggc att gac   535
His Gly Leu Gly Ala Phe Arg Thr Leu Tyr Ser Ala Ile Gly Ile Asp
                155                 160                 165

ctg gca tct cat ggg ttt ata gtt gct gct gta gaa cac aga gat aga   583
Leu Ala Ser His Gly Phe Ile Val Ala Ala Val Glu His Arg Asp Arg
            170                 175                 180

tct gca tct gca act tac tat ttc aag gac caa tct gct gca gaa ata   631
Ser Ala Ser Ala Thr Tyr Tyr Phe Lys Asp Gln Ser Ala Ala Glu Ile
        185                 190                 195

ggg gac aag tct tgg ctc tac ctt aga acc ctg aaa caa gag gag gag   679
Gly Asp Lys Ser Trp Leu Tyr Leu Arg Thr Leu Lys Gln Glu Glu Glu
    200                 205                 210

aca cat ata cga aat gag cag gta cgg caa aga gca aaa gaa tgt tcc   727
Thr His Ile Arg Asn Glu Gln Val Arg Gln Arg Ala Lys Glu Cys Ser
215                 220                 225                 230

caa gct ctc agt ctg att ctt gac att gat cat gga aag cca gtg aag   775
Gln Ala Leu Ser Leu Ile Leu Asp Ile Asp His Gly Lys Pro Val Lys
                235                 240                 245

aat gca tta gat tta aag ttt gat atg gaa caa ctg aag gac tct att   823
Asn Ala Leu Asp Leu Lys Phe Asp Met Glu Gln Leu Lys Asp Ser Ile
            250                 255                 260
```

```
gat agg gaa aaa ata gca gta att gga cat tct ttt ggt gga gca acg   871
Asp Arg Glu Lys Ile Ala Val Ile Gly His Ser Phe Gly Gly Ala Thr
        265                 270                 275

gtt att cag act ctt agt gaa gat cag aga ttc aga tgt ggt att gcc   919
Val Ile Gln Thr Leu Ser Glu Asp Gln Arg Phe Arg Cys Gly Ile Ala
    280                 285                 290

ctg gat gca tgg atg ttt cca ctg ggt gat gaa gta tat tcc aga att   967
Leu Asp Ala Trp Met Phe Pro Leu Gly Asp Glu Val Tyr Ser Arg Ile
295                 300                 305                 310

cct cag ccc ctc ttt ttt atc aac tct gaa tat ttc caa tat cct gct   1015
Pro Gln Pro Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala
                315                 320                 325

aat atc ata aaa atg aaa aaa tgc tac tca cct gat aaa gaa aga aag   1063
Asn Ile Ile Lys Met Lys Lys Cys Tyr Ser Pro Asp Lys Glu Arg Lys
            330                 335                 340

atg att aca atc agg ggt tca gtc cac cag aat ttt gct gac ttc act   1111
Met Ile Thr Ile Arg Gly Ser Val His Gln Asn Phe Ala Asp Phe Thr
        345                 350                 355

ttt gca act ggc aaa ata att gga cac atg ctc aaa tta aag gga gac   1159
Phe Ala Thr Gly Lys Ile Ile Gly His Met Leu Lys Leu Lys Gly Asp
    360                 365                 370

ata gat tca aat gca gct att gat ctt agc aac aaa gct tca tta gca   1207
Ile Asp Ser Asn Ala Ala Ile Asp Leu Ser Asn Lys Ala Ser Leu Ala
375                 380                 385                 390

ttc tta caa aag cat tta gga ctt cat aaa gat ttt gat cag tgg gac   1255
Phe Leu Gln Lys His Leu Gly Leu His Lys Asp Phe Asp Gln Trp Asp
                395                 400                 405

tgc ttg att gaa gga gat gat gag aat ctt att cca ggg acc aac att   1303
Cys Leu Ile Glu Gly Asp Asp Glu Asn Leu Ile Pro Gly Thr Asn Ile
            410                 415                 420

aac aca acc aat caa cac atc atg tta cag aac tct tca gga ata gag   1351
Asn Thr Thr Asn Gln His Ile Met Leu Gln Asn Ser Ser Gly Ile Glu
        425                 430                 435

aaa tac aat t                                                    1361
Lys Tyr Asn
    440
```

<210> 10
<211> 7
<212> PRT
<213> Homo sapien

<400> 10
Gln Tyr Ile Asn Pro Val Ala
 1   5

<210> 11
<211> 20
<212> PRT
<213> Homo sapien

<400> 11
Met Ile Thr Ile Arg Gly Ser Val His Gln Asn Phe Ala Asp Phe Thr
 1   5   10   15
Phe Ala Thr Gly
            20

<210> 12
<211> 7
<212> PRT
<213> Homo sapien

<400> 10
Gln Tyr Ile Asn Pro Ala Val
1   5

<210> 13
<211> 5
<212> PRT
<213> Homo sapien

<400> 10
Gln Tyr Ile Asn Pro
1   5